

INFRASTRUCTURE FOR THE FUTURE







Sustainability Data Report Overview	1
Statement From Managing Director	2
Material Aspects and Boundaries	3
Workforce	
The Organisation	5
Training	7
Turnover	8
Diversity	9
Salary Ratio	10
Consumer & The Community	
Economic Value Generation	12
Industry Associations	12
Corporate Governance & Compliance	
Corruption & Legal Actions	14
Anti-competitive Behaviour	15
Health, Safety & Wellbeing	
Work-Related Injuries	17
Work-Related Hazards	20
Environment	
Energy Consumption	25
Electricity & Heating	26
Direct Scope 1 Emissions	27
GRI Index	
Content Index	29
Corporate Contact Details	35



SUSTAINABILITY DATA REPORT OVERVIEW

The purpose of Spark Infrastructure's Sustainability Data Report (Report) for reporting period 1 January 2019 to 31 December 2019 (calendar year) is to supplement the sustainability section of the Spark Infrastructure 2019 Annual Report (pages 26–43). All data reported aligns with the 2019 calendar year, except for information in respect of TransGrid which relates to its 2019 financial year (1 July 2018 to 30 June 2019) and except for the energy and emissions data (pages 26 to 28 of this Report) which is for reporting period 1 July 2018 to 30 June 2019 consistent with the National Greenhouse Reporting (**NGER**) scheme.

The Report has been prepared in accordance with the Global Reporting Initiative (**GRI**) Standards: core option. The contents of the Report have not been externally assured.

Where information to be disclosed in, or relevant to, this Report is set out in the 2019 Annual Report, cross-references are made to the extent possible.

The contents of the Report analyses the social, environmental and economic risks and opportunities of Spark Infrastructure's investment portfolio business.

In accordance with the GRI Standards, Spark Infrastructure (**Company**), with input from its investment businesses, has identified the material issues that affect SA Power Networks, Victoria Power Networks and TransGrid. The materiality assessment is based on a self-assessment exercise. As a result of the process, the material aspects that have a significant impact on Spark Infrastructure economically, environmentally and socially of which also influence Securityholders' assessments and decisions, have been identified.





STATEMENT FROM MANAGING DIRECTOR

Spark Infrastructure's 2019 annual Sustainability Report sets out our approach to the exposure of environmental, social and governance risks, predominantly across our investment businesses. The data content provided in this Sustainability Data Report supplements the case studies and disclosure provided in the Spark Infrastructure 2019 Annual Report.

Spark Infrastructure is focused on investing in infrastructure businesses that deliver sustainable long-term total returns to investors. We leverage our competitive advantages, knowledge, capabilities and experience to deliver sustainable and balanced growth. Our ownership of long-life, high performing essential services infrastructure businesses enables us to ensure sustainable practices are adopted across our businesses. In doing so, we meet customer and community expectations, ensure the health and safety of our workforce, protect the environment, harness innovation and technology to grow our businesses, and unlock opportunities to build and reinforce resilient assets through the exercise of financial discipline and a prudent investment approach.

Spark Infrastructure is an active supporter of Australia's transition to a low carbon emissions future at least cost. Spark Infrastructure's electricity transmission and distribution network businesses are integral to the efficient and progressive retirement of predominantly coal-fired generation and replacement with large-scale renewable generation, and also to supporting the investment in distributed energy resources being made by consumers. In addition in 2019, we acquired a 100% interest in the Bomen Solar Farm project near Wagga Wagga. The solar farm is mechanically complete and commercial operations are scheduled to commence in Q2 2020 as planned.

Building on our current environmental initiatives, we take a risk-based approach to climate change and continue to evaluate our exposure to climate-related risks and opportunities and the associated potential financial impacts. Mitigating greenhouse gas (GHG) emissions and ensuring environmental sustainability is a key priority across our businesses. Our businesses play a significant role in the communities in which we operate across regional and major population centres. We maintain a strong corporate culture and ensure we are investing in our businesses and our people.

I hope this year's Sustainability Report and this Data Report provide useful insight into Spark Infrastructure's commitment to sustainability and our efforts towards achieving our long-term objective.

Rick Francis Managing Director



MATERIAL ASPECTS AND BOUNDARIES

MATERIAL ISSUE	MATERIAL ISSUE OVERVIEW	GRI MATERIAL ASPECT	BOUNDARY	LOCATION
Environmental impacts	Our operations have a significant impact on the wider community and our external stakeholders due to the location and span of our assets and discharge of emissions. We continually try to mitigate our environmental impacts wherever possible.	EnvironmentRegulation & Resilient Assets	Internal and external (communities, Securityholders, employees)	
Health and safety	The safety and wellbeing of our employees is our priority. We focus on reducing risk and injury prevention on a daily basis to provide a safe working environment.	Health, Safety & Wellbeing	Internal and external (employees)	_
Economic impacts	We endeavour to understand our direct and indirect contributions from our activities and when our operating environment changes, we ensure to make the appropriate modifications and report accordingly.	 Financial Management Technology and Innovation 	Internal and external (employees, Securityholders, suppliers and communities)	2019 Annual Report and 2019 Sustainability Data Report
Talent development and retention	We maintain an open and engaging dialogue with all employees and offer training and development opportunities and support diversity across our all areas of our businesses.	Workforce	Internal (employees)	
Social impact of the business	Relationships with our external stakeholders, community and various partnerships is necessary to maintain a positive working relationship, and we do so through various initiatives and development programs.	 Regulation Customer & the Community Corporate Governance & Compliance 	Internal and external (employees, Securityholders, suppliers and communities)	-



These are issues of high material importance

These are issues of medium material importance

These are issues of low material importance

Stat Althe MAL

WORKFORCE

THE ORGANISATION

SCALE OF THE ORGANISATION

		Spark HQ^	Victoria Power Networks	SA Power Networks	TransGrid
Total pumper of apployage	2019	14	2,063	2,242	1,090
Total number of employees	2018	15	1,932	2,311	943
Total number of operations	2019	0	2 (employing entities)	N/D	N/D
	2018	N/D	N/D	N/D	N/D
Net color	2019	0	\$1,395,000,000	\$1,228,300,000	\$835,100,000
Net sales	2018	N/D	\$1,287,300,000	\$1,106,500,000	\$892,600,000
Total conitalization	2019	\$3,550,593,800	\$1,639,196*	\$6,393,478,000	N/D
	2018	N/D	N/D	N/D	N/D
	2019	0	16,688 GWh	N/D	N/D
adaminy of products of set vices	2018	N/D	N/D	N/D	N/D

^ Spark HQ refers to the operations from the registered office, namely Level 29, 225 George Street, Sydney NSW 2000.

* \$1,639,196 is the value of ordinary shares.

THE ORGANISATION

EMPLOYEES									
		Spark HQ		Victoria Power	Networks	SA Power Ne	etworks	TransGr	id
		Male	Female	Male	Female	Male	Female	Male	Female
	2019	7	4	1,585	330	1,817	320	825	230
Number of full-time employees	2018	1	13	1,1	833	2,	243		921
Number of east time and success	2019	0	3	38	110	26	79	4	31
Number of part-time employees	2018		2		99		68		22
	2019	7	7	1,584	392	1,463	287	772	230
Number of permanent employees	2018	N/	′D	1	N/D	I	N/D	1	V/D
Number of temporary employees	2019	0	0	39	48	380	112	31	52
	2018	N/	′D	1	N/D		N/D	1	N/D
Total number of amployage	2019	7	7	3,246	880	1843	399	829	261
	2018	1	15	1,	932	2	2,311	(943
Pagians worked	2019	New South W	ales	Victoria	а	South Aus	tralia	New South	Wales
	2018	New South W	ales	Victoria	a	South Aus	tralia	New South	Wales
Are a significant portion of the organisation's activities performed by workers who are not employees? If yes, provide a description and the nature and scale of this work	2019	No		Yes – Resource perform activitie project work, met activities, and o maintenance ar on network and p	Partners es such as ering related operation, nd repairs ublic assets	No		No	
	2018	N/D		N/D		N/D		N/D	

TRAINING

AVERAGE HOURS OF TRAINING PER YEAR PER EMPLOYEE

		Spark HQ	Victoria Power Networks*	SA Power Networks	TransGrid**
N-I-	2019	20.07 hours	20.07 hours	36.97 hours	2.8 hours
Male	2018	39.35 hours	26.31 hours	27.75 hours	N/D
Female	2019	37.99 hours	8.79 hours	21.72 hours	4.8 hours
remale	2018	19.36 hours	10.80 hours	22.61 hours	N/D
Manager	2019	63.67 hours	12.80 hours	34.74 hours	4.3 hours
Managers	2018	46.4 hours	14.35 hours	10.74 hours	N/D
	2019	19.58 hours	18.39 hours	34.73 hours	2.9 hours
NUT-Managers	2018	19.8 hours	25.28 hours	28.97 hours	N/D

* NB – commentary on reduction: Some training completed in 2018 that related to the points highlighted below that was either one off, or is only undertake every 3 or 5 years related to technical training. 1. In 2018 CitiPower/Powercor was required to undertake training for all Lineworkers relating to VESI Rigging. This was a result of a legislative change from WorkSafe. This was a one off training requirement for 2018. 2. For areas such as manual handling, provide first aid and receive access permits training these are undertaken on a 3 yearly basis and the rotation numbers for 2019 are less than 2018.

** Data is based on permanent employees.

TURNOVER

EMPLOYEE TURNOVER									
		Spark H	IQ	Victoria Powe	r Networks	SA Power Ne	etworks		TransGrid
	_	Number	Rate	Number	Rate	Number	Rate	Number	Rate
	2019	3	21.43%	101	4.90%	185	8.25%	N/D	N/D
Male	2018	1	7%	104	5.67%	95	4.24%	19	2.04%
Female	2019	1	7.14%	51	2.47%	44	1.96%	N/D	N/D
	2018	1	7%	22	1.20%	27	1.20%	1	0.14%
19 or below	2019	0	0%	0	0.00%	1	0.04%	0	0%
	2018	0	0%	0	0%	0	0%	0	0%
20-29	2019	0	0%	30	1.45%	29	1.29%	N/D	N/D
	2018	0	0%	8	0.44%	98	0.36%	1	0.14%
20. 20	2019	1	7.14%	52	2.52%	49	2.19%	N/D	N/D
	2018	0	14%	34	1.85%	27	1.20%	10	1.03%
40.49	2019	2	14.29%	25	1.21%	52	2.32%	N/D	N/D
40-49	2018	2	0%	32	1.75%	31	1.38%	4	0.43%
	2019	0	0%	22	1.07%	44	1.96%	N/D	N/D
	2018	0	0%	29	1.58%	30	1.34%	5	0.53%
	2019	1	7.14%	23	1.11%	54	2.41%	N/D	N/D
	2018	0	0%	23	1.25%	26	1.16%	0	0.05%
Parian	2019	New Sout	h Wales	Vict	oria	South Au	ustralia	New Sou	th Wales
Region	2018	New Sout	h Wales	Vict	oria	South Au	ustralia	New Sou	th Wales

DIVERSITY

DIVERSITY OF GOVERNANCE BODIES AND EMPLOYEES

		Spark HQ	Victoria Power Networks*	SA Power Networ	ks	TransGrid*
Mala	2019	58%	100%	82.20%		75%
Male	2018	N/D	N/D	83.30%		N/D
Family	2019	42%	0%	17.80%		25%
remale	2018	N/D	N/D	16.70%		N/D
Linder 30	2019	5%	0%	13.6% (M)	14.8% (F)	0%
onder 30	2018	N/D	N/D	15.5% (M)	14.3% (F)	N/D
20.50	2019	47%	0%	47.1 % (M)	59.9% (F)	5%
	2018	N/D	N/D	45.3% (M)	61% (F)	N/D
FO and ever	2019	52%	100%	39.3% (M)	25.3% (F)	5%
ou and over	2018	N/D	N/D	39.4% (M)	24.7% (F)	N/D
Indigenous	2019	0	0%	0.80%		0%
Indigenous	2018	N/D	N/D	0.90%		N/D

* This is a reflection of the diversity of the Board only.

SALARY RATIO

RATIO OF BASIC SALARY AND REMUNERATION OF WOMEN TO MEN

		Spark HQ	Victoria Power Networks	SA Power Networks		TransGrid	
Designe	2019	Sydney CBD	N/A	N/D	Sydney	Greater Sydney	Regional NSW
Regions —	2018	Sydney CBD	N/D	N/D	Sydney	Greater Sydney	Regional NSW
	2019	N/A	N/A	N/D	N/A	N/A	N/A
Labourers —	2018	N/A	N/D	N/D	N/A	N/A	N/A
	2019	100%	82%	91%	93%	113%	105%
Clerical and administrative —	2018	100%	N/D	N/D	120%	111%	104%
Technicians and Trade	2019	N/A	53%	N/D	N/A	105%	91%
	2018	N/A	N/D	N/D	79%	96%	79%
Professionals	2019	34%	71%	91%	90%	88%	79%
	2018	45%	N/D	N/D	92%	89%	85%
	2019	N/A	80%	N/D	89%	89%	92%
Other Managers	2018	N/A	N/D	N/D	88%	81%	93%
Sociar Managara	2019	40%	91%	N/D	87%	84%	85%
Senior Managers	2018	70%	N/D	N/D	90%	84%	84%
Conoral Managara	2019	N/A	50%	N/D	89%	81%	N/A
General Managers	2018	N/A	N/D	N/D	91%	82%	N/A
Overall	2019	33%	87%	89%	85%	94%	80%
Overall —	2018	N/A	N/D	N/D	86%	96%	81%
Significant locations of operations	2019	Sydney CBD	N/A	South Australia	:	Sydney CBD, Greater Syd	Iney and Regional NSW
	2018	Sydney CBD, Greater Sydney and Regional NSW	N/D	N/D		Sydney CBD, Greater Syd	Iney and Regional NSW

CONSUMER 8 THE COMMUNITY



OTHINER

Pomercor

ECONOMIC VALUE GENERATION

TOTAL COMMUNITY INVESTMENTS

	Spark HQ	Victoria Power Networks	SA Power Networks	TransGrid
2019	\$1,000,000	\$1,650,000	\$1,868,300	N/D
2018	\$0	\$2,444,325	\$3,654,000	\$130,000

INDUSTRY ASSOCIATIONS

MEMBERSHIP OF ASSOCIATIONS

	Spark HQ	Victoria Power Networks	SA Power Networks	TransGrid
	Associate Member of Energy Networks Australia (ENA)		ENA	
2019	AMEC's Co-ordination of Generation		UDIA SA	CIGRE Panel
	and Transmission Investment (COGATI) Access and Charging	-	Business SA	CIGRE Study Committees
	Technical Working Group		Clean Energy Council	
	Network Shareholders Group			

13

CORRUPTION & LEGAL ACTIONS

CORRUPTION

		Spark HQ	Victoria Power Networks	SA Power Networks	TransGrid
	2019	0	0	0	0
Total number and nature of confirmed incidents of corruption	2018	0	0	0	0
Total number of confirmed incidents in which employees were dismissed or disciplined for corruption	2019	0	0	0	0
	2018	0	0	0	0
Total number of confirmed incidents when contracts with business	2019	0	0	0	0
partners were terminated or not renewed due to violations related to corruption	2018	0	0	0	0
Public legal case regarding corruption brought against the	2019	0	0	0	0
organisation or its employees during the reporting period and the outcome of such cases	2018	0	0	0	0

LEGAL ACTIONS

		Spark HQ	Victoria Power Networks	SA Power Networks	TransGrid
Number of legal actions pending or completed during the	2019	0	0	0	0
reporting period regarding anti-competitive behaviour and violations of anti-trust and monopoly legislation	2018	0	0	0	0
Main outcomes of completed legal actions, including any	2019	0	0		
decisions or judgements	2018	0	0	0	0

ANTI-COMPETITIVE BEHAVIOUR

SPENDING ON LOCAL SUPPLIERS

		Spark HQ	Victoria Power Networks	SA Power Networks	TransGrid
Percentage of the procurement budget used for significant	2019	63.48%	54%	47%*	98.3%
locations of operation that is spent on suppliers local to that operation (such as percentage of products and services purchased locally)	2018	N/D	57%	N/D	N/D
The organisation's geographical definition of 'local'	2019	Where the material or service providers' headquarters are in Australia	Companies with a Victorian address in our SAP database	South Australia	Transaction/invoice billed in AUD to TransGrid; An office/head office in Australia; Key stakeholders in Australia (i.e. senior mgt); Work performed in Australia for TransGrid
	2018	N/D	Definition of 'local' is "Companies with a Victorian address in our SAP database"	N/D	N/D
The definition used for 'significant locations of operation'		Spark HQ and Bomen Solar Farm	Definition of 'significant locations of operation' is "Any 3rd party supplier in a location who received payments for the provision of goods and/or services in 2019"	Australian operations	Sydney Ultimo, Sydney West Wallgrove, Newcastle, Orange, Tamworth, Wagga Wagga, Yass Centres
	2018	N/D		N/D	N/D

* In 2019, 47% of SA Power Networks' (including Enerven) external supplier spend was with local suppliers.

SPARK INFRASTRUCTURE 2019 SUSTAINABILITY DATA REPORT



16

WORK-RELATED INJURIES

WORK-RELATED INJURIES FOR ALL EMPLOYEES

		Spark HQ		Victoria Power Networks		SA Power Networks		TransGrid	
	_	Number	Rate	Number	Rate	Number	Rate	Number	Rate
	2019	0	0	0	0	0	0	0	0
Number and rate of ratalities as a result of a work-related injury"	2018	N/D		0	0	0	0	0	0
Number and rate of high-consequence work-related injuries**	2019	0	0	0	0	N/A	N/A	0	0
(excluding fatalities)	2018	N/D		2	0.47	N/A	N/A	4	2.1
	2019	0	0	52	12.56	27	5.6	9	4.7
	2018	N/D		60	1.43	43	8.7	11	5.7
	2019	0	0	Muscular stress		Sprain/strain, la crush/bru	aceration, iise	Muscular st	rain
Main types of work-related injury	2018	N/D		N/D	Muscular strain, laceration and injuries relating to N/D falling trees – there was or one reported illness due to hearing loss.		acerations lating to re was only ness due oss.	N/D	
	2019	182,687		4,139,90)9	4,859,51	4	1,908,833	3
	2018	N/D		5,559,27	75	4,955,76	6	4,237,433	3

* Work-related injury = negative impacts of health arising from exposure to hazards at work.

** High-consequence work-related injuries = work-related incident with a high probability of causing a high-consequence injury.

*** Recordable work-related injuries = anything that results in the following/significant injury or ill health: death, days away from work, restricted work or transfer to another job, medical treatment or loss of consciousness.

WORK-RELATED INJURIES

WORK-RELATED INJURIES FOR CERTAIN EMPLOYEES^

		Spark HQ ⁽¹⁾		Victoria Power Networks		SA Power Networks		TransGrid	
		Number	Rate	Number	Rate	Number	Rate	Number	Rate
	2019	0	0	0	0			0	0
Number and rate of rataines as a result of a work-related injury	2018	N/D		0	0			0	0
Number and rate of high-consequence work-related injuries**	2019	0	0	0	0			2	2.6
(excluding fatalities)	2018	N/D		0	0			1	2.8
Number and rate of recordable work related injuries***	2019	35	15.22%	12	6.45	Included in		11	6.6
	2018	N/D		37	27.4	for all employee	s'	3	1.3
Main types of work-related injury	2019	 Sprain/jarring (x12) 5.22% Scratch/cuts (x6) 2.61% Bites (insects) (x2) 0.87% Eyes (dirt) (x3) 1.30% Heat (heat stroke)/weather elements (x12) 52 17% 		Muscular sti	ress			Muscular strain, mobile plant	
	2018	N/D		-	Muscular strain, lacerations and injuries relating to falling trees – there was only one reported illness due to hearing loss.		N/D		
Number of hours worked	2019	Included i for all employe	n es'****	1,861,493 Included in 'for all employees'		762,547.8	37		
	2018	N/D		1,350,362	2	4,955,766		2,299,100	C

^ For all workers who are not employees but whose work and/or workplace is controlled by the organisation.

(1) Spark Infrastructure HQ includes Bomen Solar Farm (construction phase).

* Work-related injury = negative impacts of health arising from exposure to hazards at work.

** High-consequence work-related injuries = work-related incident with a high probability of causing a high-consequence injury.

*** Recordable work-related injuries = anything that results in the following/significant injury or ill health: death, days away from work, restricted work or transfer to another job, medical treatment or loss of consciousness.

**** This information has been collated along with Work-Related Injuries for All Employees on page 18.

WORK-RELATED INJURIES

LOST-TIME DUE TO INJURY

		Spark HQ	1)	Victoria Power N	letworks	SA Power Net	tworks	TransGrid	Ŀ
	2019	3.28*		3.38		1.2		3	
Lost time injury frequency rate	2018	N/D	N/D	N/D	N/D	N/D	N/D	N/D	N/D
	2019	120		14		6		3.1	
Number of lost time injuries	2018	N/D	N/D	N/D	N/D	N/D	N/D	N/D	N/D

(1) Spark Infrastructure HQ includes Bomen Solar Farm (construction phase).

* Calculation is based on 200,000 hours worked. All other calculations are based on 1,000,000 hours worked.

SPARK HQ*

How have hazards been determined?	 Collect existing information about workplace hazards Inspect the workplace for safety hazards Identify health hazards Conduct investigations Identify hazards associated with emergency and non-routine situations Group the nature of identified hazards/control measures
Which of these hazards have caused or contributed to high-consequence injuries during the reporting period?	 Sprains/jarring Heat/weather elements
What actions were taken or are underway to eliminate these hazards and minimise risks using the hierarchy of control?	 Monitoring temperature; site shutdown at 38°C Toolbox Talks: Preventing Dehydration, UV Exposure, Working Safely in Hot Conditions/Heat Stress; Urine Chart in toilets Encouraged extra breaks Provide Hydrolytes'/cool drinking water in crib rooms/sunscreen/P2 Masks/Air Quality Index monitoring
In general, have any actions been taken or are underway to eliminate other work-related hazards and minimise risks?	All personnel are advised to work safely following guidelines and instructions set out in their work Induction Packs (containing the Site Safety Induction, HSE Plan and the Construction Management Plan) (Induction Pack).
200,000 or 1,000,000 used as the base hours works to calculate rates?	200,000
Have any workers been excluded from the disclosure?	No
Any standards, methodologies and assumptions?	Information set out in Induction Packs.

* Including Bomen Solar Farm (construction phase).

VICTORIA POWER NETWORKS

How have hazards been determined?	A review was completed in 2019 of high risk activities with potential to cause high-consequence work-related injuries. This review considered the following 1) hazards identified; 2) previous high-consequence incidents; 3) industry available data. There are nine high risk controls and they cover operations with Live Electricity, Prevention of Falls, Traffic & Pedestrian Management, Powered Mobile Plant, Lifting Equipment & Crane Operation, Excavation & Trenching, Confined spaces, Hazardous Substances & Dangerous Goods and Driving.
Which of these hazards have caused or contributed to high-consequence injuries during the reporting period?	Nil
What actions were taken or are underway to eliminate these hazards and minimise risks using the hierarchy of control?	N/A
In general, have any actions been taken or are underway to eliminate other work-related hazards and minimise risks?	 Injury Prevention and Management – prioritise controls & trial solutions, reassess movement analysis, manual handling training complete, embed InjuryNET. HSE Leadership Training – HSE modules developed, training delivered. Works Practices Access and Adherence – establish framework, consolidate documents into work streams, publish standards, communicate changes to end users, monitor adherence. Project Switch – continue focus on reducing network operating risks; embed safer practices. Hazard and Near Miss Reporting – refresher training, data & trend analysis, increased communication, improve feedback mechanisms. High Risk Safety Controls – prioritise high risk activity, risk assessment workshops, update & communicate process requirements, training modules completed formal audits/inspections schedules developed. Contractor Management and Engagement – update contractor management procedures based on gap analysis, review and update governance and engagement processes. Tracking Progress and Recognition – regular and effective communication of progress against HSE priorities and recognition of HSE achievements. Leveraging Data – use Cintellate HSE data to guide prioritisation, resourcing and initiatives. HSE Innovation Forum – develop process to capture and share leading HSE practices.
200,000 or 1,000,000 used as the base hours works to calculate rates?	1,000,000
Have any workers been excluded from the disclosure?	Employees only – no contractors included.
Any standards, methodologies and assumptions?	Recordable injuries include Medical Treatment Injuries, Restricted Work Duty Injuries, Lost Time Injuries. Excludes stress.

SA POWER NETWORKS

How have hazards been determined?	Risk assessments, audit and event data identify the hazards and inform the Corporate Risk Management Framework.
Which of these hazards have caused or contributed to high-consequence injuries during the reporting period?	Manual Handling, Work at Height, Remote & Isolated Work, Excavation, Switching, Hazardous Substances.
What actions were taken or are underway to eliminate these hazards and minimise risks using the hierarchy of control?	15 actions were identified: - 27% Corrective (Engineering, Elimination, Substitution) - 73% Preventative (100% Administrative) This is 66% complete.
In general, have any actions been taken or are underway to eliminate other work-related hazards and minimise risks?	 High Risk Manual Handling Programme High Risk Plant & Equipment Risk Assessments Training and Assessment Strategy – identified for all WHS Risk in the Corporate Risk Register Switching Mentor Programmes
200,000 or 1,000,000 used as the base hours works to calculate rates?	1,000,000
Have any workers been excluded from the disclosure?	No
Any standards, methodologies and assumptions?	No

TRANSGRID

How have hazards been determined?	 Risk Management Strategy: 'Hazard Reporting' has been added to TransGrid new improved Hazard and Incident Management Procedure. Reporting of hazards allows systematic management of risk; understanding of emerging risks, and understanding of hazard awareness and tolerance within the business. There are six categories of hazard namely; Health and Safety Hazards, Environment Hazards, Security Hazards, Fire Hazards, PSSR Hazards and Public Safety Hazards.
Which of these hazards have caused or contributed to high-consequence injuries during the reporting period?	N/D
What actions were taken or are underway to eliminate these hazards and minimise risks using the hierarchy of control?	Good Systems Strategy: – CAMMS, the replacement system to ARMS, went live on 2nd December 2019. This new system will enable the business to report, track and investigate hazards in a timely manner.
In general, have any actions been taken or are underway to eliminate other work-related hazards and minimise risks?	Additional CAMMS, ICAM incident investigation methodology has been introduced to systematically investigate incidents to prevent recurrence.
200,000 or 1,000,000 used as the base hours works to calculate rates?	1,000,000
Have any workers been excluded from the disclosure?	No
Any standards, methodologies and assumptions?	No



ENERGY CONSUMPTION



Standards, methodologies, assumptions or calculation tools used – financial records, Australian Government NGER. Source of conversion factors – Australian Government NGER.

ELECTRICITY & HEATING



Standards, methodologies, assumptions or calculation tools used – financial records, Australian Government NGER. Source of conversion factors – Australian Government NGER.

Gross Direct (Scope 1) GHG Emissions

DIRECT SCOPE 1 EMISSIONS



Gross Direct (Scope 2) GHG Emissions



SCOPE 1 EMISSIONS

	Spark	Spark HQ		Victoria Power Networks		SA Power Networks		TransGrid	
	1 Jul 2018 – 30 Jun 2019 ⁽²⁾	1 Jun 2017 – 30 Jun 2018	1 Jul 2018 – 30 Jun 2019	1 Jun 2017 – 30 Jun 2018	1 Jul 2018 – 30 Jun 2019	1 Jun 2017 – 30 Jun 2018	1 Jul 2018 – 30 Jun 2019	1 Jun 2017 – 30 Jun 2018	
Carbon dioxide CO ₂	N/A		25,192	20,894	14,521	13,124	3,936	4,398	
Methane CH ₄	N/A		41	38	22	21	1	91	
Nitrous Oxide N ₂ 0	N/A	N/A*	198	168	102	97	33	37	
Perfluorocarbons PFCs	N/A		0	0	0	0	0	0	
Sulphur Hexafluoride ${\rm SF}_{_6}$	N/A		3,525	3,938	2,593	1,441	10,005	3,989	

*Data at Spark HQ was not tracked in 2017-18.

(2) Construction activities at Spark's 100% owned Bomen Solar Farm commenced in July 2019 and accordingly no data is available for the relevant period.

Base year for calculation, including rationale, emissions in the base year and the context for any significant changes in emissions that triggered recalculations of base year emissions.

Source of the emission factors and the global warming potential rates used, or a reference to the GWP source – Australian Government, NGER.

Consolidation approach for emissions; whether equity share, financial control, or operational control - Operational control was primarily used.

Standards, methodologies, assumptions and/or calculation tools used - In accordance with NGER requirements.



28

GRI INDEX

GRI STANDARD	DISCLOSURE	LOCATION	COMMENTS/OMISSION
General Disclosures			
	102-1 Name of the organisation	2019 Annual Report, page 127	
	102-2 Activities, brands, products, and services	2019 Annual Report, pages 2 to 3, 14 to 25	
	102-3 Location of headquarters	2019 Sustainability Data Report, page 6	
	102-4 Location of operations	South Australia; Victoria; New South Wales	
	102-5 Ownership and legal form	2019 Annual Report, pages 2 to 3	
	102-6 Markets served	Markets: South Australia; Victoria; New South Wales Sectors: Critical Infrastructure Customers and Beneficiaries: Securityholders and Power Purchase Agreement (PPA) customers	
GRI 102: General Disclosures	102-7 Scale of the organisation	2019 Annual Report, pages 2 to 3, 6 to 9	
	102-8 Information on employees and other workers	2019 Sustainability Data Report, pages 6 to 11	
	102-9 Supply chain	-	Spark engages a number of suppliers for products and services including office supplies, solar panels and consultants.
	102-10 Significant changes to the organisation and its supply chain	-	Spark Infrastructure's CFO, Nicholas Schiffer, resigned as at 30 August 2019 and Gerard Dover commenced as CFO on 8 October 2019. Anne McDonald, a non-executive director of Spark Infrastructure, resigned from the Board of Directors on 30 November 2019. There were no significant changes to Spark's supply chain.

GRI STANDARD	DISCLOSURE	LOCATION	COMMENTS/OMISSION
General Disclosures			
	102-11 Precautionary Principle or approach	2019 Annual Report, pages 29, 32 to 33, 36 to 37, 40	
	102-12 External initiatives	N/A	Spark Infrastructure does not subscribe or endorse externally-developed economic, environmental and social charters, principles or initiatives.
	102-13 Membership of associations	2019 Sustainability Data Report, page 13	
	102-14 Statement from senior decision maker	2019 Sustainability Data Report, page 3	
	102-16 Values, principles, standards, and norms of behaviour	2019 Annual Report, pages 32, 34 to 35	
	102-18 Governance structure	2019 Annual Report, page 29	
	102-40 List of stakeholder groups	2019 Annual Report, page 30	
GRI 102: General Disclosures	102-41 Collective bargaining agreements	N/A	Spark Infrastructure employees are not covered by collective bargaining agreements.
GRI 102: General Disclosures	102-42 Identifying and selecting stakeholders	_	Stakeholders are identified and selected by Spark Infrastructure Management and engagement with key stakeholders is reviewed by the Board of Directors on an annual basis.
	102-43 Approach to stakeholder engagement	_	Company announcements, webcasts (e.g., at full year and half year results announcements), Annual General Meetings and face-to-face meetings.
	102-44 Key topics and concerns raised	-	Diversity
	102-45 Entities included in the consolidated financial statements	2019 Annual Report, page 88	
	102-46 Defining report content and topic Boundaries	2019 Sustainability Data Report, page 4	
	102-47 List of material topics	2019 Sustainability Data Report, page 4	

GRI INDEX

GRI STANDARD	DISCLOSURE	LOCATION	COMMENTS/OMISSION
General Disclosures			
	102-48 Restatements of information	N/A	No information restatements have been made during the reporting period.
	102-49 Changes in reporting	-	No significant changes from previous reporting periods in the list of material topics and topic boundaries.
	102-50 Reporting period	1 January to 31 December 2019 (2019 calendar year)	
	102-51 Date of most recent report	2018	
GRI 102: General Disclosures	102-52 Reporting cycle	Annual reporting period of 1 January 2019 to 31 December 2019	
	102-53 Contact point for questions regarding the report	2019 Sustainability Data Report, page 35	
	102-54 Claims of reporting in accordance with the GRI Standards	2019 Sustainability Data Report, page 2	
	102-55 GRI content index	2019 Sustainability Data Report, page 30	
	102-56 External assurance	2019 Sustainability Data Report, page 2	

GRI STANDARD	DISCLOSURE	LOCATION	COMMENTS/OMISSION		
Topic Specific Disclosures					
Corporate Governance & Compliance					
GRI 103: Management Approach	103-1 Explanation of the material topic and its boundaries	2019 Annual Report, page 29			
	103-2 The management approach and its components	2019 Annual Report, page 29			
	103-3 Evaluation of the management approach	2019 Annual Report, page 29			
GRI 204: Procurement Practices	204-1 Proportion of spending on local suppliers	2019 Sustainability Data Report, page 16			
GRI 205: Anti-Corruption	205-3 Confirmed incidents of corruption and actions taken	2019 Sustainability Data Report, page 15			
GRI 206: Anti-Competitive Behaviour	206-1 Legal actions for anti-competitive behaviour, anti- trust and monopoly practices	2019 Sustainability Data Report, page 16			
Customer & the Community					
GRI 103: Management Approach	103-1 Explanation of the material topic and its boundaries	2019 Annual Report, page 30			
	103-2 The management approach and its components	2019 Annual Report, page 30			
	103-3 Evaluation of the management approach	2019 Annual Report, page 30			
GRI 201: Economic Performance	201-1 Direct economic value generated and distributed	2019 Sustainability Data Report, page 13			
Health, Safety & Wellbeing					
GRI 103: Management Approach	103-1 Explanation of the material topic and its boundaries	2019 Annual Report, page 32			
	103-2 The management approach and its components	2019 Annual Report, page 32			
	103-3 Evaluation of the management approach	2019 Annual Report, page 32			
GRI 403: Occupational Health and Safety	403-9 Work-related injuries	2019 Sustainability Data Report, page 18, 19			
Non-GRI indicator	Lost time injuries and lost time injury frequency rate	2019 Sustainability Data Report, page 20	Non-GRI indicator		

GRI STANDARD	DISCLOSURE	LOCATION	COMMENTS/OMISSION		
Topic Specific Disclosures					
Workforce					
GRI 103: Management Approach	103-1 Explanation of the material topic and its boundaries	2019 Annual Report, page 34			
	103-2 The management approach and its components	2019 Annual Report, page 34			
	103-3 Evaluation of the management approach	2019 Annual Report, page 34			
GRI 401: Employment	401-1 Employee turnover	2019 Sustainability Data Report, page 9			
GRI 404: Training and Education	404-1 Average hours of training per year per employee	2019 Sustainability Data Report, page 8			
GRI 405: Diversity and Equal Opportunity	405-1 Diversity of governance bodies and employees	2019 Sustainability Data Report, page 10			
	405-2 Ratio of basic salary and remuneration of women to men	2019 Sustainability Data Report, page 11			
Environment					
GRI 103: Management Approach	103-1 Explanation of the material topic and its boundaries	2019 Annual Report, page 36			
	103-2 The management approach and its components	2019 Annual Report, page 36			
	103-3 Evaluation of the management approach	2019 Annual Report, page 36			
GRI 302: Energy	302-1 Energy consumption within the organisation	2019 Sustainability Data Report, page 26, 27			
GRI 305: Emissions	305-1 Direct (Scope 1) GHG emissions	2019 Sustainability Data Report, page 28			
	305-2 Energy indirect (Scope 2) GHG emissions	2019 Sustainability Data Report, page 28			

GRI STANDARD	DISCLOSURE	LOCATION	COMMENTS/OMISSION
Topic Specific Disclosures			
Regulation & Resilient Assets			
GRI 103: Management Approach	103-1 Explanation of the material topic and its boundaries	2019 Annual Report, page 38	
	103-2 The management approach and its components	2019 Annual Report, page 38	
	103-3 Evaluation of the management approach	2019 Annual Report, page 38	
Technology & Innovation			
GRI 103: Management Approach	103-1 Explanation of the material topic and its boundaries	2019 Annual Report, page 40	
	103-2 The management approach and its components	2019 Annual Report, page 40	
	103-3 Evaluation of the management approach	2019 Annual Report, page 40	
Financial Management			
GRI 103: Management Approach	103-1 Explanation of the material topic and its boundaries	2019 Annual Report, page 42	
	103-2 The management approach and its components	2019 Annual Report, page 42	
	103-3 Evaluation of the management approach	2019 Annual Report, page 42	

CORPORATE CONTACT DETAILS

REGISTERED OFFICE

Spark Infrastructure

Level 29, 225 George Street Sydney NSW 2000

- T: +61 2 9086 3600
- F: +61 2 9086 3666
- E: info@sparkinfrastructure.com
- W: sparkinfrastructure.com

Managing Director

Rick Francis

Chief Financial Officer Gerard Dover

Company Secretary Alexandra Finley

Investor Relations Neil Donaldson

SECURITY REGISTRY

 Boardroom Pty Limited

 ABN 14 003 209 836

 GPO Box 3993

 Sydney NSW 2001

 Tel: 1300 737 760 (within Australia)

 Tel: +61 2 9290 9600 (outside Australia)

 Fax: +61 2 9279 0664

www.boardroomlimited.com.au enquiries@boardroomlimited.com.au



